INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

October 19, 2004

TO: Interested Parties / Applicant

RE: AMPCOR II, Inc. / T 091-17686-00052

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval – Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3-7 and IC 13-15-6-1(b) or IC 13-15-6-1(a) require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204.

For an **initial Title V Operating Permit**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **thirty (30)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(b).
For a **Title V Operating Permit renewal**, a petition for administrative review must be submitted to the Office of Environmental Adjudication within **fifteen (15)** days from the receipt of this notice provided under IC 13-15-5-3, pursuant to IC 13-15-6-1(a).

The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:
(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:
(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and

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(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

Pursuant to 326 IAC 2-7-18(d), any person may petition the U.S. EPA to object to the issuance of an initial Title V operating permit, permit renewal, or modification within sixty (60) days of the end of the forty-five (45) day EPA review period. Such an objection must be based only on issues that were raised with reasonable specificity during the public comment period, unless the petitioner demonstrates that it was impractible to raise such issues, or if the grounds for such objection arose after the comment period.

To petition the U.S. EPA to object to the issuance of a Title V operating permit, contact:

U.S. Environmental Protection Agency
401 M Street
Washington, D.C. 20406

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
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www.in.gov/idem

PART 70 OPERATING PERMIT RENEWAL
OFFICE OF AIR QUALITY

AMPCOR II, Inc.
105 Koomler Drive
La Porte, Indiana 46350

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T091-17686-00052	
Issued by: Original signed by Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: October 19, 2004 Expiration Date: October 19, 2009

TABLE OF CONTENTS

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ. The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary thermosplastic injection molding, electroplating, coloring, polishing and metal coating processes for making casket hardware.

Responsible Official:	David R. Christian
Source Address:	105 Koomler Drive, La Porte, Indiana 46350
Mailing Address:	P.O. Box 87, La Porte, Indiana 46352-0087
General Source Phone Number:	(219) 362-3126
SIC Code:	3089, 3471, 3479
County Location:	La Porte
Source Location Status:	Nonattainment for SO_2 Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

(a) One (1) electrostatic rotating disk paint system, constructed in 1995, identified as CC, with a maximum capacity to paint 1500 units per hour, using dry filters for particulate matter control, and exhausting to one (1) stack, identified as AA.

One (1) thermal oxidizer, with a heat input rate of 3.5 million British Thermal Units per hour (mmBtu/hr), to control the VOC emission from one (1) permitted electrostatic rotating disk paint system.

(b) One (1) spray booth, with one (1) HVLP spray gun, constructed in 1963, used for clear coating of zinc and steel parts, identified as ASG1, with a maximum capacity to paint 1500 units per hour, using dry filters for particulate matter control and exhausting to one (1) stack, identified as ASGX.

(c) One (1) wash booth, used for parts washing, constructed in 1963, identified as WSH1, where parts are dipped into a 55 gallon drum of solvent, with a maximum capacity to wash 4.48 pounds of painted parts per hour, with emissions uncontrolled, exhausting to one (1) stack, identified as WSHX1.

(d) One (1) spray/wash booth, consisting of a parts washing station, identified as WSH2, where parts are dipped into a 55 gallon drum of solvent, with a maximum capacity of 4.48 pounds of painted parts washed per hour, and one (1) HVLP spray gun, identified as ASG2, used on occasion for shading, with a maximum capacity to paint 1500 units per hour, using dry filters for particulate matter control, and exhausting to one (1) stack, identified as WSHX2. Both spray booth and HVLP spray gun were constructed in 1963.

(e) One (1) flowcoater, constructed in 1978, identified as KFC, located in the Kriterion Plastics Department, with a maximum capacity to coat 1500 units per hour, and exhausting to two (2) stacks, identified as KFCX1 and KFCX2, respectively.

(f) One (1) spray booth, with one (1) HVLP gun, constructed in 1978, identified as KSG, located in the Kriterion Plastics Department, with a maximum capacity to coat 1500 units per hour**,** using dry filters for particulate matter control and exhausting to one (1) stack, identified as KSGX.

(g) One (1) batch oven, constructed in 1978, identified as KO, located in the Kriterion Plastics Department, with a maximum capacity of 14.9 pounds per hour.

(h) One (1) Finishing Department, with a maximum capacity of 1500 units per hour, and with particulate emissions controlled by a baghouse which vents inside the building.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) One (1) Casting and Belt Sanding Department with a maximum capacity of 0.038 pounds per hour, and with particulate emissions controlled by a baghouse which vents inside the building [326 IAC 6-3-2].

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5]

This permit is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.3 Enforceability [326 IAC 2-7-7]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.5 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(c) The annual compliance certification report shall include the following:

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs) including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

(b) The Permittee shall implement the PMPs, including any required record keeping as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 Emergency Provisions [326 IAC 2-7-16]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

Northwest Regional Office
Indiana Department of Environmental Management
NBD Bank Building, Suite 418
504 North Broadway
Gary, Indiana 46402

Telephone Number: (888) 209-8892
Facsimile Number: (812) 881-6745

(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.12 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

(c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]

(h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either

(1) incorporated as originally stated,

(2) revised, or

(3) deleted

by this permit.

(b) All previous registrations and permits are superseded by this permit.

B.14 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

(c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.16 Permit Renewal [326 IAC 2-7-4]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a) (1) (D)]

(1) A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.

(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.17 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

(d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.

B.18 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.19 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and

(4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.20 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

B.21 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee’s right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.

(b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licensing and Training Section), to determine the appropriate permit fee.

B.24 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314]

Notwithstanding the conditions of this permit that state specific methods that may be used to demonstrate compliance with, or a violation of, applicable requirements, any person (including the Permittee) may also use other credible evidence to demonstrate compliance with, or a violation of, any term or condition of this permit.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [40 CFR 52 Subpart P][326 IAC 6-3-2]

(a) Pursuant to 40 CFR 52 Subpart P, particulate matter emissions from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

(b) Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour. This condition is not federally enforceable.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2. 326 IAC 9-1-2 is not federally enforceable.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission unit(s) vented to the control equipment are in operation.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition starting date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Demolition and renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.8 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on April 25, 1999

(b) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level.
[326 IAC 1-5-3]

C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.14 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:

(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:

(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or

(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.

(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.

(4) Failure to take reasonable response steps shall be considered a deviation from the permit.

(c) The Permittee is not required to take any further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.

(3) An automatic measurement was taken when the process was not operating.

(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

(d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

(e) The Permittee shall record all instances when, in accordance with Section D, response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)] [326 IAC 2-6]

(a) In accordance with the compliance schedule specified in 326 IAC 2-6-3(b)(1), starting in 2007 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);

(2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be

certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

One (1) electrostatic rotating disk paint system, constructed in 1995, identified as CC, with a maximum capacity to paint 1500 units per hour, using dry filters for particulate matter control, and exhausting to one (1) stack, identified as AA.

One (1) thermal oxidizer, with a heat input rate of 3.5 million British Thermal Units per hour (mmBtu/hr), to control the VOC emission from the electrostatic rotating disk paint system.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1. General Provisions Relating to HAPs [326 IAC 20-1][40 CFR Part 63, Subpart A] [Table 2 to 40 CFR Part 63, Subpart MMMM] [40 CFR 63.3901]

(a) The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the affected source, except when otherwise specified by Table 2 to 40 CFR Part 63, Subpart MMMM. The Permittee must comply with these requirements on and after January 2, 2004.

(b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

D.1.2. National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products [40 CFR Part 63, Subpart MMMM] [40 CFR 63.3882] [40 CFR 63.3883] [40 CFR 63.3980]

(a) The provisions of 40 CFR Part 63, Subpart MMMM (National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products) apply to the affected source. A copy of this rule is available on the US EPA Air Toxics Website at http://www.epa.gov/ttn/atw/misc/miscpg.html. Pursuant to 40 CFR 63.3883(b), the Permittee must comply with these requirements on and after January 2, 2007.

(b) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

(c) The affected source is the collection of all of the items listed in 40 CFR 63.3882, paragraphs (b)(1) through (4) that are used for surface coating of miscellaneous metal parts and products within each subcategory as defined in 40 CFR 63.3881(a), paragraphs (2) through (6).

(1) All coating operations as defined in 40 CFR 63.3981;
(2) All storage containers and mixing vessels in which coatings, thinners and/or other additives, and cleaning materials are stored or mixed;
(3) All manual and automated equipment and containers used for conveying coatings, thinners and/or other additives, and cleaning materials; and
(4) All storage containers and all manual and automated equipment and containers used for conveying waste materials generated by a coating operation.

(d) Terminology used in this section are defined in the CAA, in 40 CFR Part 63, Section 63.2, and in 40 CFR 63.3980, and are applicable to the affected source.

D.1.3 Volatile Organic Compounds (VOC) Limitations [326 IAC 8-2-9][326 IAC 8-1-2]

(a) Pursuant to 326 IAC 8-2-9, the owner or operator shall not allow the discharge into the atmosphere of VOC in excess of three and five-tenths (3.5) pounds of VOC per gallon of coating, excluding water, as delivered to the applicator.

(b) Pursuant to 326 IAC 8-1-2 (b), VOC emissions from the electrostatic rotating disk paint system (CC) shall be limited to no greater than the equivalent emissions, expressed as pounds of VOC per gallon of coating solids, allowed in (a).

This equivalency was determined by the following equation:

$$E = L / (1 - (L/D))$$

Where

L= Applicable emission limit from 326 IAC 8 in pounds of VOC per gallon of coating;
D= Density of VOC in coating in pounds per gallon of VOC;
E= Equivalent emission limit in pounds of VOC per gallon of coating solids as applied.

Actual solvent density shall be used to determine compliance of the surface coating operation using the compliance methods in 326 IAC 8-1-2 (a)

(c) The pounds of VOC per gallon of coating solids shall be limited to less than 6.73 pounds of VOC per gallon with E determined using equation in (a) above.

(d) Pursuant to 326 IAC 8-1-2(c) the overall control efficiency of the thermal oxidizer shall be no less than the equivalent overall efficiency, which is 88.2%, calculated by the following equation:

$$O = \frac{V - E}{V} X\ 100$$

Where:

V = The actual VOC content of the coating or, if multiple coatings are used, the daily weighted average VOC content of all coatings, as applied to the subject coating line as determined by the applicable test methods and procedures specified in 326 IAC 8-1-4 in units of pounds of VOC per gallon of coating solids as applied.
E = Equivalent emission limit in pounds of VOC per gallon of coating solids as applied.
O = Equivalent overall efficiency of the capture system and control device as a percentage.

The overall efficiency of the thermal oxidizer shall be greater than (O).

The source will be in compliance with the VOC limit in this Condition D.1.1 by compliance methods under 326 IAC 8-1-2, using thermal oxidizer to control the VOC emissions.

D.1.4 Volatile Organic Compound (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9 (f)]

Pursuant to 326 IAC 8-2-9 (f), all solvents sprayed from the application equipment during cleanup or color changes shall be directed into containers. Said containers shall be closed as soon as the solvent spraying is complete. In addition, all waste solvent shall be disposed of in such a manner that minimizes evaporation.

D.1.5 Particulate Matter (PM) [40 CFR 52 Subpart P]

Pursuant to 40 CFR 52 Subpart P, the PM from the electrostatic rotating disk paint system, identified as CC, shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

D.1.6 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from the electrostatic rotating disk paint system, identified as CC, shall be controlled by a dry particulate filter, and the Permittee shall operate the control device in accordance with manufacturer's specifications. This requirement to operate the control is not federally enforceable.

D.1.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

Compliance Determination Requirements

D.1.8 Testing Requirements [326 IAC 2-7-6(1), (6)][326 IAC 2-1.1-11]

(a) Compliance stack tests shall be performed on the thermal oxidizer to determine the operating temperature that will achieve its destruction efficiency and the capture system efficiency of the electrostatic rotating disk paint system, identified as CC. The determination of these operating parameters shall verify the overall control system of 88%.

(b) The Compliance stack tests for (a) of this condition shall be made utilizing Method 204 for capture efficiency and Method 25 for destruction efficiency, or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

D.1.9 Thermal Oxidizer

(a) The thermal oxidizer shall operate at all times that the process is in operation to achieve compliance with D.1.3.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.10 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stack AA while booth is in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

D.1.11 Thermal Oxidizer Temperature

(a) A continuous monitoring system shall be calibrated, maintained, and operated on the thermal oxidizer for measuring operating temperature. The output of this system shall be recorded as a 3-hr average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan – Preparation, Implementation, Records and Reports whenever the 3-hr average temperature of the thermal oxidizer is below 1350^{o}F. A 3-hr average temperature that is below 1350^{o}F is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.

(b) The Permittee shall determine the 3-hr average temperature from the most recent valid stack test that demonstrates compliance with limits in condition D.1.1**.** , as approved by IDEM.

(c) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports whenever the 3-hr average temperature of the thermal oxidizer is below the 3-hr average temperature as observed during the compliant stack test. A 3-hr average temperature that is below the 3-hr average temperature as observed during the compliant stack test is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.12 Record Keeping Requirements

(a) To document compliance with Condition D.1.3 the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken daily and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.3. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

(1) The VOC content of each coating material and solvent used.

(2) The amount of coating material and solvent less water used on daily basis.

(A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

(B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.

(3) The cleanup solvent usage for each month;

(4) The total VOC usage for each month;

(5) The weight of VOCs emitted for each compliance period;

(6) The continuous temperature records for the thermal oxidizer (3-hr).

(7) Weekly records of the duct pressure or fan amperage.

(b) To document compliance with Condition D.1.10, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.13 Notification Requirements [40 CFR 63.3910]

(a) General. The Permittee must submit the applicable notifications in 40 CFR Part 63, Sections 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h) by the dates specified in those sections, except as provided in 40 CFR 63.3910, paragraphs (b) and (c).

(b) Initial notification. The Permittee must submit the initial notification no later than May 1, 2004.

(c) Notification of compliance status. The Permittee must submit the notification of compliance status required by 40 CFR 63.9(h) no later than 30 calendar days following the end of the initial compliance period described in 40 CFR Part 63, Sections 63.3940, 63.3950, or 63.3960 that applies to the affected source. The notification of compliance status must contain the information specified in 40 CFR 63.3910(c), paragraphs (1) through (11) and any additional information specified in 40 CFR 63.9(h).

D.1.14 Requirement to Submit a Significant Permit Modification Application [326 IAC 2-7-12] [326 IAC 2-7-5]

The Permittee shall submit an application for a significant permit modification to IDEM, OAQ to include information regarding which compliance option or options will be chosen in the Part 70 permit.

(a) The significant permit modification application shall be consistent with 326 IAC 2-7-12, including information sufficient for IDEM, OAQ to incorporate into the Part 70 permit the applicable requirements of 40 CFR 63, Subpart MMMM, a description of the affected source and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard.

(b) The significant permit modification application shall be submitted no later than April 2, 2006.

(c) The significant permit modification application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

(a) One (1) spray booth, with one (1) HVLP spray gun, used for clear coating of zinc and steel parts, identified as ASG1, with a maximum capacity to paint 1500 units per hour, using dry filters for particulate matter control and exhausting to one (1) stack, identified as ASGX.

(b) One (1) spray booth, used for parts washing, identified as WSH1, where parts are dipped into a 55 gallon drum of solvent, with a maximum capacity to wash 4.48 pounds of painted parts per hour, with emissions uncontrolled, exhausting to one (1) stack, identified as WSHX1.

(c) One (1) spray booth, consisting of a parts washing station, identified as WSH2, where parts are dipped into a 55 gallon drum of solvent, with a maximum capacity of 4.48 pounds of painted parts washed per hour, and one (1) HVLP spray gun, identified as ASG2, used on occasion for shading, with a maximum capacity to paint 1500 units per hour, using dry filters for particulate matter control, and exhausting to one (1) stack, identified as WSHX2.

(d) One (1) flowcoater, identified as KFC, located in the Kriterion Plastics Department, with a maximum capacity to coat 1500 units per hour, and exhausting to two (2) stacks, identified as KFCX1 and KFCX2, respectively.

(e) One (1) spray booth, with one (1) HVLP gun, identified as KSG, located in the Kriterion Plastics Department, with a maximum capacity to coat 1500 units per hour, using dry filters for particulate matter control and exhausting to one (1) stack, identified as KSGX.

(f) One (1) batch oven, identified as KO, located in the Kriterion Plastics Department, with a maximum capacity of 14.9 pounds per hour.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Particulate Matter (PM) [40 CFR 52 Subpart P]

Pursuant to 40 CFR 52 Subpart P, the PM from one (1) spray booth with one (1) HVLP spray gun, identified as ASG1; spray booth used for washing parts, identified as WSH2, the spray booth consisting of a part washing station, identified as WSH2 and one (1) HVLP spray gun, identified as ASG2, one (1) flowcoater, identified as KFC, one (1) spray booth with one (1) HVLP spray gun, identified as KFG, and one (1) batch oven, identified as KO, shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

D.2.2 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from one (1) spray booth with one (1) HVLP spray gun, identified as ASG1; spray booth used for washing parts, identified as WSH2, the spray booth consisting of a part washing station, identified as WSH2 and one (1) HVLP spray gun, identified as ASG2, one (1) flowcoater, identified as KFC, one (1) spray booth with one (1) HVLP spray gun, identified as KFG, and one (1) batch oven, identified as KO, shall be controlled by dry particulate filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications. This requirement to operate the control is not federally enforceable.

D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.2.4 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks ASGX, WSHX1, WSHX2, KFCX1, KFCX2, and KSGX, while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.5 Record Keeping Requirements

(a) To document compliance with Conditions D.2.3 and D.2.4, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

(a) One (1) Finishing Department, with a maximum capacity of 1500 units per hour, and with particulate emissions controlled by a baghouse which vents inside the building.

(b) One (1) Casting and Belt Sanding Department with a maximum capacity of 0.038 pounds per hour, and with particulate emissions controlled by a baghouse which vents inside the building.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to [326 IAC 6-3-2], the PM from the facilities listed in this section shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and P = process weight rate in tons per hour

D.3.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: AMPCOR I, Inc.
Source Address: 105 Koomler Drive, La Porte, Indiana 46350
Mailing Address: 105 Koomler Drive, La Porte, Indiana 46350
Part 70 Permit No.: T091-17686-00052

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

☐ Annual Compliance Certification Letter

☐ Test Result (specify)

☐ Report (specify)

☐ Notification (specify)

☐ Affidavit (specify)

☐ Other (specify)

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Phone:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE BRANCH
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: AMPCOR I, Inc.
Source Address: 105 Koomler Drive, La Porte, Indiana 46350
Mailing Address: 105 Koomler Drive, La Porte, Indiana 46350
Part 70 Permit No.: T091-17686-00052

This form consists of 2 pages **Page 1 of 2**

☐ This is an emergency as defined in 326 IAC 2-7-1(12)

- The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
- The Permittee must submit notice in writing or by facsimile within two (**2**) working days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by:

Title / Position:

Date:

Phone:

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: AMPCOR I, Inc.
Source Address: 105 Koomler Drive, La Porte, Indiana 46350
Mailing Address: 105 Koomler Drive, La Porte, Indiana 46350
Part 70 Permit No.: T091-17686-00052

Months: _____ **to** _____ **Year:** _____

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By:

Title/Position:

Date:

Phone:

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Part 70 Operating Permit Renewal

Source Background and Description

Source Name:	**AMPCOR II, Inc.**
Source Location:	**105 Koomler Drive, La Porte, Indiana 46350**
County:	**La Porte**
SIC Code:	**3089, 3471 & 3479**
Operation Permit No.:	**091-7804-00052**
Operation Permit Issuance Date:	**February 9, 1999**
Permit Renewal No.:	**091-17686-00052**
Permit Reviewer:	**Femi Ogunsola/EVP**

The Office of Air Quality (OAQ) has reviewed a Part 70 Operating Permit Renewal application from AMPCOR II, Inc. relating to the operation of thermosplastic injection molding, electroplating, coloring, polishing and metal coating processes for making casket hardware.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

(a) One (1) electrostatic rotating disk paint system, constructed in 1995, identified as CC, with a maximum capacity to paint 1500 units per hour, using dry filters for particulate matter control, and exhausting to one (1) stack, identified as AA.

One (1) thermal oxidizer, with a heat input rate of 3.5 million British Thermal Units per hour (mmBtu/hr), to control the VOC emission from electrostatic rotating disk paint system.

(b) One (1) spray booth, with one (1) HVLP spray gun, constructed in 1963, used for clear coating of zinc and steel parts, identified as ASG1, with a maximum capacity to paint 1500 units per hour, using dry filters for particulate matter control and exhausting to one (1) stack, identified as ASGX.

(c) One (1) spray/wash booth, used for parts washing, constructed in 1963, identified as WSH1, where parts are dipped into a 55 gallon drum of solvent, with a maximum capacity to wash 4.48 pounds of painted parts per hour, with emissions uncontrolled, exhausting to one (1) stack, identified as WSHX1.

(d) One (1) spray/wash booth, consisting of a parts washing station, identified as WSH2, where parts are dipped into a 55 gallon drum of solvent, with a maximum capacity of 4.48 pounds of painted parts washed per hour, and one (1) HVLP spray gun, identified as ASG2, used on occasion for shading, with a maximum capacity to paint 1500 units per hour, using dry filters for particulate matter control, and exhausting to one (1) stack, identified as WSHX2. Both spray booth and HVLP spray gun were constructed in 1963.

(e) One (1) flowcoater, constructed in 1978, identified as KFC, located in the Kriterion Plastics Department, with a maximum capacity to coat 1500 units per hour, and exhausting to two (2) stacks, identified as KFCX1 and KFCX2, respectively.

(f) One (1) spray booth, with one (1) HVLP gun, constructed in 1978, identified as KSG, located in the Kriterion Plastics Department, with a maximum capacity to coat 1500 units per hour**,** using dry filters for particulate matter control and exhausting to one (1) stack, identified as KSGX.

(g) One (1) batch oven, constructed in 1978, identified as KO, located in the Kriterion Plastics Department, with a maximum capacity of 14.9 pounds per hour.

(h) One (1) finishing department consisting of twelve (12) stations comprised of twelve (12) cotton wheels, constructed in 1963, identified as FDCW1, FDCW2, FDCW3, FDCW4, FDCW5, FDCW6, FDCW7, FDCW8, FDCW9, FDCW10, FDCW11, and FDCW12, respectively, twelve (12) wire wheels, identified as FDWW1, FDWW2, FDWW3, FDWW4, FDWW5, FDWW6, FDWW7, FDWW8, FDWW9, FDWW10, FDWW11, and FDWW12, respectively, and nine (9) flannel wheels, identified as FDHW2, FDHW3, FDCW4, FDHW6, FDHW7, FDHW8, FDHW9, FDHW10, and FDHW11, respectively.

At stations 1, 5, and 12, FDCW1, FDCW5, and FDCW12, respectively, each have a maximum capacity of 10.3 pounds per hour; FDWW1, FDWW5, and FDWW12, respectively, each have a maximum capacity of 27.7 pounds per hour; and each use dust collectors FDC1, FDC3, and FDC6, respectively, to control particulate matter emissions, exhausting to six (6) vents, identified as FDCX1, FDCX2, FDCX3, FDCX4, FDCX5, and FDCX6, respectively, no outside stack, but recirculating air back into the department.

At stations 2, 3, 4, 6, 7, 8, 9, 10, and 11, FDCW2, FDCW3, FDCW4, FDCW6, FDCW7, FDCW8, FDCW9, FDCW10, and FDCW11, respectively, each have a maximum capacity of 10.3 pounds per hour; FDWW2, FDWW3, FDWW4, FDWW6, FDWW7, FDWW8, FDWW9, FDWW10, and FDWW11, respectively each have a maximum capacity of 27.7 pounds per hour; FDHW2, FDHW3, FDCW4, FDHW6, FDHW7, FDHW8, FDHW9, FDHW10, and FDHW11, respectively, each have a maximum capacity of 13.8 pounds per hour; and each use dust collectors FDC1, FDC2, FDC3, FDC4, FDC5, and FDC6, respectively, to control particulate matter emissions, exhausting to six (6) vents, identified as FDCX1, FDCX2, FDCX3, FDCX4, FDCX5, and FDCX6, respectively, no outside stack, but recirculating air back into the department.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted emission units operating at this source during this review process.

New Emission Units and Pollution Control Equipment Receiving Advanced Source Modification Approval

There is no new facility that receiving advance source modification approval.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(a) One (1) casting and belt sanding department with five (5) belt sanders, constructed in 1963, identified as BS1, BS2, BS3, BS4, and BS5, respectively, each with a maximum throughput of 0.0076 pounds per hour, with BS1 using dust collector, BSDCF1, as control, BS2 and BS3 using dust collector, BSDCF2, as control, and BS3 and BS4 using dust collector BSDCF3, as control, all venting to dust collector vents BSDCX1, BSDCX2, and BSDCX3, and no outside stack but exhausting into the atmosphere of the department [326 IAC 6-3].

(b) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour.

(c) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.

(d) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings.

(e) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.

(f) Furnaces used for melting metals other than beryllium with a brim full capacity of less than or equal to 450 cubic inches by volume.

(g) A laboratory as defined in 326 IAC 2-7-1(20)(c).

(h) One (1) electroplating, blackening and phosphatizing department, consisting of four (4) copper strike tanks, CuS1, CuS2, CuS3, and CuS4, each with a maximum production capacity of 8.83 pounds per hour; three (3) copper plating tanks, CuP1, CuP2, and CuP3, each with a maximum production capacity of 37.0 pounds per hour; two (2) nickel plating tanks, N1 and N2, each with a maximum production capacity of 37.00489 pounds per hour, and three (3) “bronze” plating tanks, Br1, Br2, and Br3, each with a maximum production capacity of 37.0 pounds per hour, exhausting to two (2) stacks, PLX1 and PLX2, respectively. Potential emission from this facility is less than five (5) pounds per day.

Existing Approvals

The source has constructed or has been operating under the following previous approvals:

(a) T 097-7804-00052, issued on February 9, 1999;

(b) First Minor Source Modification #091-12087-00052, issued on July 11, 2000;

(c) First Significant Permit Modification #091-12370-00052, issued on August 31, 2000; and

(d) First Reopening #091-13374-00052, issued on November 1, 2001.

All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either incorporated as originally stated, revised, or deleted by this permit. All previous registrations and permits are superseded by this permit.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete Part 70 permit renewal application for the purposes of this review was received on June 25, 2003.

There was no notice of completeness letter mailed to the Permittee.

Emission Calculations

See Appendix A of this document for detailed emission calculations (pages 1 through 5 of Appendix A)

Potential to Emit of the Source

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA."

The source was issued a Part 70 Operating Permit on February 9, 1999. The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered enforceable only after issuance of the original Part 70 operating Permit and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

	Potential to Emit (tons/year)							
Process/Emission Unit	**PM**	**PM_{10}**	**SO_2**	**VOC**	**CO**	**NO_X**	**HAPs**	
							Single Worst Case	**Combined Total**
Surface Coating Operations	4.36	4.36	0.0	126.66	0.00	0.00	18.21 (Toluene)	42.88
Finishing Department	0.90	0.90	0.0	0.0	0.0	0.0	0.0	0.0
Belt Sanding Operation	0.69	0.69	0.0	0.0	0.0	0.0	0.0	0.0
Other Insignificant Activities	Insig.	Insig.	Insig.	Insig.	Insig	Insig.	Insig.	Insig.
Total PTE	**5.95**	**5.95**	**0.00**	**126.66**	**0.00**	**0.00**	**18.21**	**42.88**

(a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of VOC is equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7. Therefore, the source is subject to the provisions of 326 IAC 2-7.

(b) The potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is equal to or greater than ten (10) tons per year and/or the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination of HAPs is equal to or greater than twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7. Therefore, the source is subject to the provisions of 326 IAC 2-7.

(c) Fugitive Emissions
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2001 OAQ emission data.

Pollutant	Actual Emissions (tons/year)
PM	1.35
PM_{10}	1.35
SO_2	No data
VOC	40.74
CO	No data
NO_x	No data
HAP (specify)	No data

County Attainment Status

The source is located LaPorte County.

Pollutant	Status
PM_{10}	attainment
SO_2	Primary nonattainment
NO_2	attainment
Ozone	attainment
CO	attainment
Lead	attainment

(a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. La Porte County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.

(b) La Porte County has been classified as attainment or unclassifiable for all criteria pollutants except SO2 that is classified as primary nonattainment. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.

Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

(a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.

(b) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

Federal Rule Applicability

(a) This Part 70 permit renewal does not involve a pollutant-specific emissions unit as defined in 40 CFR 64.1 for VOC:

(1) with the potential to emit before controls equal to or greater than the major source threshold for VOC,

(2) that is subject to an emission limitation or standard for VOC, and

(3) uses a control device as defined in 40 CFR 64.1 to comply with that emission limitation or standard.

Therefore, the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, are not applicable to this modification.

(b) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) applicable to this source.

(c) The electroplating, blackening and phosphatizing department is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Subpart N, because there are no chromium electroplating operations being performed.

(d) The requirements of Section 112(j) of the Clean Air Act (40 CFR Part 63.50 through 63.56) are no longer applicable to this source since the source is now subject to the National Emission Standards for Hazardous Air Pollutants, [326 IAC 20-1][40 CFR Part 63, Subpart A] [Table 2 to 40 CFR Part 63, Subpart MMMM] [40 CFR 63.3901] as discussed below.

(e) This source is subject to the National Emission Standards for Hazardous Air Pollutants, [326 IAC 20-1][40 CFR Part 63, Subpart A] [Table 2 to 40 CFR Part 63, Subpart MMMM] [40 CFR 63.3901] General Provisions Relating to HAPs, because it is a major source of HAPs from metal coating operations. Therefore, the following conditions apply:

(1) The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, apply to the affected source, except when otherwise specified by Table 2 to 40 CFR Part 63, Subpart MMMM. The Permittee must comply with these requirements on and after the effective date of the National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.

(2) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

This source is subject to National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products [40 CFR Part 63, Subpart MMMM] [40 CFR 63.3882] [40 CFR 63.3883] [40 CFR 63.3980] with the following conditions:

(1) The provisions of 40 CFR Part 63, Subpart MMMM (National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products) apply to the affected source. A copy of this rule is available on the US EPA Air Toxics Website at http://www.epa.gov/ttn/atw/misc/miscpg.html. Pursuant to 40 CFR 63.3883(b), the Permittee must comply with these requirements on and after the date 3 years after the effective date of January 2, 2004.

(2) Since the applicable requirements associated with the compliance options are not included and specifically identified in this permit, the permit shield authorized by the B section of this permit in the condition titled Permit Shield, and set out in 326 IAC 2-7-15 does not apply to paragraph (a) of this condition.

The affected source is the collection of all of the items listed in 40 CFR 63.3882, paragraphs (b)(1) through (4) that are used for surface coating of miscellaneous metal parts and products within each subcategory as defined in 40 CFR 63.3881(a), paragraphs (2) through (6).

(1) All coating operations as defined in 40 CFR 63.3981;

(2) All storage containers and mixing vessels in which coatings, thinners and/or other additives, and cleaning materials are stored or mixed;

(3) All manual and automated equipment and containers used for conveying coatings, thinners and/or other additives, and cleaning materials; and

(4) All storage containers and all manual and automated equipment and containers used for conveying waste materials generated by a coating operation.

Terminologies used in this section are defined in the CAA, in 40 CFR Part 63, Section 63.2, and in 40 CFR 63.3980, which are incorporated by reference.

Pursuant to 40 CFR 63.3910 (Notification Requirements), the source shall comply with the following notification requirements:

(1) General. The Permittee must submit the applicable notifications in 40 CFR Part 63, Sections 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h) by the dates specified in those sections, except as provided in 40 CFR 63.3910, paragraphs (b) and (c).

(2) Initial notification. The Permittee must submit the initial notification no later than 1 year after the effective date of January 2, 2004.

(3) Notification of compliance status. The Permittee must submit the notification of compliance status required by 40 CFR 63.9(h) no later than 30 calendar days following the end of the initial compliance period described in 40 CFR Part 63, Sections 63.3940, 63.3950, or 63.3960 that applies to the affected source. The notification of compliance status must contain the information specified in 40 CFR 63.3910(c), paragraphs (1) through (11) and any additional information specified in 40 CFR 63.9(h).

Pursuant to 326 IAC 2-7-12 and 326 IAC 2-7-5 (Requirement to Submit a Significant Permit Modification Application), the Permittee shall submit an application for a significant permit modification to IDEM, OAQ to include information regarding which compliance option or options will be chosen in the Title V permit.

(1) The significant permit modification application shall be consistent with 326 IAC 2-7-12, including information sufficient for IDEM, OAQ to incorporate into the Title V permit the applicable requirements of 40 CFR 63, Subpart MMMM, a description of the affected source and activities subject to the standard, and a description of how the Permittee will meet the applicable requirements of the standard.

(2) The significant permit modification application shall be submitted no later than twenty-seven months after the effective date of 40 CFR 63, Subpart MMMM.

(3) The significant permit modification application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(f) This source is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR 63, Subpart T since it has neither vapor nor cold cleaning machines (of either batch or in-line design) according to the definitions pursuant to 40 CFR 63.461. This source does not heat any solvent (which would meet the definition of "cold" cleaning), nor does it boil any solvent (which would meet the definition of "vapor" cleaning). Moreover, the source uses none of the solvents listed at 40 CFR 63.460(a), nor any combination of these in a total concentration greater than 5 percent by weight, as a cleaning and/or agent.

State Rule Applicability – Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration (PSD))

The three spray booths (ASG1, WSH1 and WSH2 & ASG2 respectively) , the casting and belt sanding department as well as the finishing department were constructed in 1963 (minor source), while the flowcoater (KFC), spray booth (KSG) and batch oven (KO) were constructed in 1978, and the source remains a minor source and the electrostatic rotating disk paint system (CC) was constructed in 1995 and the source remains a minor source . The source is not one of the twenty eight (28) listed sources. There was a minor source modification approved in July 11, 2000, to construct one (1) thermal oxidizer, with a heat input rate of 3.5 million British Thermal Units per hour (mmBtu/hr), to control VOC emissions from one (1) electrostatic rotating disk paint system (CC) to an existing minor source. The potential to emit of any criteria pollutant at this source has always been less than 250 tons per year. Therefore, the requirements of 326 IAC 2-2 (PSD Rules) do not apply.

326 IAC 1-5-2 (Emergency Reduction Plans)

The source has submitted an Emergency Reduction Plan (ERP) on April, 1999. The ERP has been verified to fulfill the requirements of 326 IAC 1-5-2 (Emergency Reduction Plans).

326 IAC 2-6 (Emission Reporting)

Since this source is required to have an operating permit under 326 IAC 2-7, Part 70 Permit Program, this source is subject to 326 IAC 2-6 (Emission Reporting). In accordance with the compliance schedule in 326 IAC 2-6-3, an emission statement must be submitted triennially by July 1 beginning in 2004 and every 3 years after. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4.

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in the permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

The operation of thermosplastic injection molding, electroplating, coloring, polishing and metal coating processes for making casket hardware will emit greater than 10 tons per year of a single HAP or 25 tons per year of a combination of HAPs. However, these facilities were built prior to July 27, 1991, therefore rule 326 IAC 2-4.1 does not apply.

326 IAC 8-1-6 (New Facilities, General Reduction Requirements)

This rule applies to facilities located anywhere in the state that were constructed on or after January 1, 1980, which have potential volatile organic compound (VOC) emissions of 25 tons per year or more and are not subject to other provisions of Article 8. The three spray booths (ASG1, WSH1 and WSH2 & ASG2 respectively), the casting and belt sanding department as well as the finishing department were all constructed in 1963, while the flowcoater (KFC), spray booth (KSG) and batch oven (KO) were constructed in 1978 and therefore not subject to the requirements of [326 IAC 8-1-6]. But the electrostatic rotating disk paint system (CC) was constructed in 1995, with unrestricted potential VOC emissions greater than 25 tons per year. But since all the surface coating operations at this electrostatic rotating disk paint system (CC) is subject to the requirements of 326 IAC 8-2-9 (Miscellaneous Metal Coating), this rule does not apply.

State Rule Applicability – Individual Facilities

326 IAC 6-3-2 (Process Operations)

On June 12, 2002, revisions to 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes) became effective; this rule was previously referred to as 326 IAC 6-3 (Process Operations). As of the date this permit is being issued these revisions have not been approved by EPA into the Indiana State Implementation Plan (SIP); therefore, the following requirement(s) from the previous version of 326 IAC 6-3 (Process Operations) which has been approved into the SIP will remain applicable requirement(s) until the revisions to 326 IAC 6-3 are approved into the SIP and the condition is modified in a subsequent permit action.

Pursuant to 40 CFR 52 Subpart P, the particulate matter (PM) from the electrostatic rotating disk paint system, CC; spray booth, ASG1; spray booth, ASG2; and spray booth, KSG shall be limited by the following :

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

Under the rule revision, particulate from the the electrostatic rotating disk paint system, CC; spray booth, ASG1; spray booth, ASG2; and spray booth, KSGshall be controlled by a dry particulate filter, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)

(a) The particulate from finishing department shall be limited by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

The dust collectors shall be in operation at all times when the twelve (12) cotton wheels, twelve (12) wire wheels, and nine (9) flannel wheels are in operation, in order to comply with this limit.

(b) The particulate from casting and belt sanding department shall be limited by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

The dust collectors shall be in operation at all times when the five (5) belt sanders are in operation, in order to comply with this limit.

326 IAC 8-2-9 (Miscellaneous Metal Coating)

The electrostatic rotating disk paint system, CC was constructed in 1995 and has potential emissions greater than 15 pounds per day. The SIC codes for AMPCOR II are 3471, 3462, and 3089, not 3599 (for casket exemption) and La Porte County is located next to Porter county which is nonattainment for Ozone, therefore, 326 IAC 8-2-9 is applicable.

ASG1, ASG2, KFC and KSG were constructed in 1978, and are located in La Porte County which is not one of the applicable listed counties after November 1, 1980 applicability date, therefore, 326 IAC 8-2-9 does not apply to these booths.

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), the volatile organic compound (VOC) content of the coating delivered to the applicator at the electrostatic rotating disk paint system, CC shall be limited to 3.5 pounds of VOCs per gallon of coating less water, for forced warm air dried coatings.

Solvent sprayed from application equipment during cleanup or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

Based on the MSDS submitted by the source and calculations made, the electrostatic rotating disk paint system, CC is not in compliance with this requirement.

(a) Pursuant to 326 IAC 8-1-2 (b), the electrostatic rotating disk (CC) VOC emissions shall be limited to no greater than the equivalent emissions, expressed as pounds of VOC per gallon of coating solids.

This equivalency was determined by the following equation:

$$E = L / (1 - (L/D))$$

Where

L= Applicable emission limit from 326 IAC 8 in pounds of VOC per gallon of coating;

D= Baseline solvent density of VOC in the coating and shall be equal to seven and thirty-six hundredths (7.36) pounds of VOC per gallon of solvent;

E= Equivalent emission limit in pounds of VOC per gallon of coating solids as applied.

Actual solvent density shall be used to determine compliance of the surface coating operation using the compliance methods in 326 IAC 8-1-2 (a)

(b) The pounds of VOC per gallon of coating solids shall be limited to less than 6.73 pounds of VOC per gallon with E determined using equation in (a) above.

(c) Pursuant to 326 IAC 8-1-2(c), the overall efficiency of the thermal oxidizer shall be no less than the equivalent overall efficiency , which is 88.2%, calculated by the following equation:

$$O = \frac{V - E}{V} \times 100$$

Where:

V = The actual VOC content of the coating or, if multiple coatings are used, the daily weighted average VOC content of all coatings, as applied to the subject coating line as determined by the applicable test methods and procedures specified in 326 IAC 8-1-4 in units of pounds of VOC per gallon of coating solids as applied.

E = Equivalent emission limit in pounds of VOC per gallon of coating solids as applied.

O = Equivalent overall efficiency of the capture system and control device as a percentage.

The overall efficiency of the thermal oxidizer shall be greater than O.

The source will be in compliance with the VOC limit in this Condition D.1.1 by compliance methods under 326 IAC 8-1-2, using thermal oxidizer to control the VOC emissions.

326 IAC 8-3 (Organic Solvent Degreasing Operations)

This rule does not apply to the wash booths at this source were constructed in 1963 and the source is located in La Porte County. Therefore the source is not subject to the requirements of rules 326 IAC 8-3-4 (Volatile Organic Compounds from Degreasing Operations) and 326 IAC 8-3-5 (Cold Cleaner Degreaser Operation and Control).

Testing Requirements [326 IAC 2-7-6(1)][326 IAC 2-1.1-11]

(a) Compliance stack tests shall be performed on the thermal oxidizer to determine the operating temperature that will achieve its destruction efficiency and the capture system efficiency of the electrostatic rotating disk paint system, identified as CC. The determination of these operating parameters shall verify the overall control system of 88%.

(b) The Compliance stack tests for (a) of this condition shall be made utilizing Method 204 for capture efficiency and Method 25 for destruction efficiency, or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the approporiate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

1. The electrostatic rotating disk paint system, CC; spray booth, ASG1; spray booth, ASG2; spray booth, KSG; and flowcoater, KFC have applicable compliance monitoring conditions as specified below:

   (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, daily observations shall be made of the overspray from the surface coating booth stacks (ASGX, WSHX2, KSGX and KFCX1 & KFCX2) while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

   (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.

   (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

   These monitoring conditions are necessary because the dry filters for the spray booth, ASG1; spray booth, ASG2; spray booth, KSG; and flowcoater, KFC must operate properly to ensure compliance with 326 IAC 6-3 (Process Operations) and 326 IAC 2-7 (Part 70).

2. The casting and belt sanding department and the finishing department have applicable compliance monitoring requirements as specified below:

   The dust collectors for particulate matter (PM) control shall be in operation at all times when the casting and belt sanding department and the finishing department are in operation.

   These monitoring conditions are necessary because the dust collectors for particulate matter (PM) control must operate properly to ensure compliance with 326 IAC 6-3 (Process Operations) and 326 IAC 2-7 (Part 70).

Conclusion

The operation of this thermosplastic injection molding, electroplating, coloring, polishing and metal coating processes for making casket hardware shall be subject to the conditions of this Part 70 permit **091-17686-00052.**

Indiana Department of Environmental Management
Office of Air Quality

Addendum to the
Technical Support Document for a Part 70 Operating Permit Renewal

Source Name: **AMPCOR II, Inc.**
Source Location: **105 Koomler Drive, La Porte, Indiana 46350**
County: **La Porte**
SIC Code: **3089, 3471, 3479**
Operation Permit No.: **T091-17686-00052**
Permit Reviewer: **Femi Ogunsola/EVP**

On June 4, 2004, the Office of Air Quality (OAQ) had a notice published in the LaPorte Herald-Argus in La Porte, Indiana, stating that AMPCOR II, Inc. had applied for a Part 70 Operating Permit renewal relating to the operation of thermoplastic injection molding, electroplating, coloring, polishing and metal coating operations for the production of plastic casket hardware, antiqued metal casket hardware and casket hardware. The notice also stated that OAQ proposed to issue a permit renewal for this operation and provided information on how the public could review the proposed Part 70 permit renewal and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit renewal should be issued as proposed.

On July 5, 2004, Randy Martin of Industrial Safety and Environmental Services, Inc., Elkhart, Indiana on behalf of AMPCOR II, Inc submitted written comments on the proposed Part 70 Operating Permit Renewal. The summary of the comments and the corresponding responses are as follows (where language deleted is shown with strikeout and that which is added is shown in bold):

Comment 1

Descriptive Condition A.2(h) currently describes each individual wheel in AMPCOR's Finishing Department which touches a piece of casket hardware. We request that this condition be reworded as follows: One (1) Finishing Department, with particulate emissions controlled by a baghouse which vents back into the Finishing Department, with a maximum capacity of 1500 uinits per hour. We request that the description which begins section D.3 be similarly worded.

We request that the reference to the "casting and belt sanding department" be removed from D.3 and placed into a Specifically Exempt category. (Condition A.4 should be added, which specifies Specifically Exempt activities such as the zinc hand casting and belt sanding; Condition D.4 should also be added to list these exempt activities).

Response to Comment 1

OAQ, IDEM agrees to reword the description of finishing department in Condition A.2(h) and Section D.3. The Casting and Belt Department has been described in the TSD as an insignificant activity but not listed in the permit as a specially regulated insignificant activity. Therefore, a new Section A.3 has been created to list the Casting and Belt Department as a specifically regulated insignificant activity. The former A.3 will now become condition A.4. The description of the Casting and Belt Sanding Department in Sections A.3 and D.3 has been revised below. However, it would not be necessary to add a new Section D.4 to address the compliance condition as requested since such a new condition will be a duplication of conditions in Section D.3. The revisions made to the permit are as follows:

(h) One (1) ~~finishing department~~ **Finishing Department, with a maximum capacity of 1500 units per hour and with particulate emissions controlled by a baghouse which vents inside the building.** ~~consisting of twelve (12) stations comprised of twelve (12) cotton wheels, constructed in 1963, identified as FDCW1, FDCW2, FDCW3, FDCW4, FDCW5, FDCW6, FDCW7, FDCW8, FDCW9, FDCW10, FDCW11, and FDCW12, respectively, twelve (12) wire wheels, identified as FDWW1, FDWW2, FDWW3, FDWW4, FDWW5, FDWW6, FDWW7, FDWW8, FDWW9, FDWW10, FDWW11, and FDWW12, respectively, and nine (9) flannel wheels, identified as FDHW2, FDHW3, FDCW4, FDHW6, FDHW7, FDHW8, FDHW9, FDHW10, and FDHW11, respectively.~~

~~At stations 1, 5, and 12, FDCW1, FDCW5, and FDCW12, respectively, each have a maximum capacity of 10.3 pounds per hour; FDWW1, FDWW5, and FDWW12, respectively, each have a maximum capacity of 27.7 pounds per hour; and each use dust collectors FDC1, FDC3, and FDC6, respectively, to control particulate matter emissions, exhausting to six (6) vents, identified as FDCX1, FDCX2, FDCX3, FDCX4, FDCX5, and FDCX6, respectively, no outside stack but recirculating air back into the department.~~

~~At stations 2, 3, 4, 6, 7, 8, 9, 10, and 11, FDCW2, FDCW3, FDCW4, FDCW6, FDCW7, FDCW8, FDCW9, FDCW10, and FDCW11, respectively, each have a maximum capacity of 10.3 pounds per hour; FDWW2, FDWW3, FDWW4, FDWW6, FDWW7, FDWW8, FDWW9, FDWW10, and FDWW11, respectively each have a maximum capacity of 27.7 pounds per hour; FDHW2, FDHW3, FDCW4, FDHW6, FDHW7, FDHW8, FDHW9, FDHW10, and FDHW11, respectively, each have a maximum capacity of 13.8 pounds per hour; and each use dust collectors FDC1, FDC2, FDC3, FDC4, FDC5, and FDC6, respectively, to control particulate matter emissions, exhausting to six (6) vents, identified as FDCX1, FDCX2, FDCX3, FDCX4, FDCX5, and FDCX6, respectively, no outside stack but recirculating air back into the department.~~

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

(a) One (1) ~~finishing department~~ **Finishing Department, with a maximum capacity of 1500 units per hour and with particulate emissions controlled by a baghouse which vents inside the building.** ~~consisting of twelve (12) stations comprised of twelve (12) cotton wheels, constructed in 1963, identified as FDCW1, FDCW2, FDCW3, FDCW4, FDCW5, FDCW6, FDCW7, FDCW8, FDCW9, FDCW10, FDCW11, and FDCW12, respectively, twelve (12) wire wheels, identified as FDWW1, FDWW2, FDWW3, FDWW4, FDWW5, FDWW6, FDWW7, FDWW8, FDWW9, FDWW10, FDWW11, and FDWW12, respectively, and nine (9) flannel wheels, identified as FDHW2, FDHW3, FDCW4, FDHW6, FDHW7, FDHW8, FDHW9, FDHW10, and FDHW11, respectively.~~

~~At stations 1, 5, and 12, FDCW1, FDCW5, and FDCW12, respectively, each have a maximum capacity of 10.3 pounds per hour; FDWW1, FDWW5, and FDWW12, respectively, each have a maximum capacity of 27.7 pounds per hour; and each use dust collectors FDC1, FDC3, and FDC6, respectively, to control particulate matter emissions, exhausting to six (6) vents, identified as FDCX1, FDCX2, FDCX3, FDCX4, FDCX5, and FDCX6, respectively, no outside stack but recirculating air back into the department~~.

~~At stations 2, 3, 4, 6, 7, 8, 9, 10, and 11, FDCW2, FDCW3, FDCW4, FDCW6, FDCW7, FDCW8, FDCW9, FDCW10, and FDCW11, respectively, each have a maximum capacity of 10.3 pounds per hour; FDWW2, FDWW3, FDWW4, FDWW6, FDWW7, FDWW8, FDWW9, FDWW10, and FDWW11, respectively each have a maximum capacity of 27.7 pounds per hour; FDHW2, FDHW3, FDCW4, FDHW6, FDHW7, FDHW8, FDHW9, FDHW10, and FDHW11, respectively, each have a maximum capacity of 13.8 pounds per hour; and each use dust collectors FDC1, FDC2, FDC3, FDC4, FDC5, and FDC6, respectively, to control particulate matter emissions, exhausting to six (6) vents, identified as FDCX1, FDCX2, FDCX3, FDCX4, FDCX5, and FDCX6, respectively, no outside stack but recirculating air back into the department.~~

(b) One (1) ~~casting and belt sanding department~~ **Casting and Belt Sanding Department with a maximum capacity of 0.038 pounds per hour, and with particulate emissions controlled by a baghouse which vents inside the building**. ~~with five (5) belt sanders, identified as BS1, BS2, BS3, BS4 and BS5, respectively, each with a maximum throughput of 0.0076 pounds per hour, with BS1 using dust collectors, BSDCF1, as control, BS2 and BS3 using dust collector, BSDCF2, as control, and BS3 and BS4 using dust collector BSDCF3, as control, all venting to dust collector vents BSDCX1, BSDCX3, and no outside stack but exhausting to the atmosphere of the department~~.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) One (1) Casting and Belt Sanding Department with a maximum capacity of 0.038 pounds per hour, and with particulate emissions controlled by a baghouse which vents inside the building [326 IAC 6-3-2].

A.~~3~~**4** Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

Comment 2

Finally, we request that Condition D.1.11 be changed to reflect the thermal fume oxidizer's operating temperature of 1350 degrees F. (the temperature at which the oxidizer was successfully tested in January of 2004).

Response to Comment 2

Based on the January, 2004 test results, IDEM, OAQ agrees to change the limitation of thermal fume oxidizer's operating temperature from 1400°F to 1350°F:

D.1.11 Thermal Oxidizer Temperature

(a) A continuous monitoring system shall be calibrated, maintained, and operated on the thermal oxidizer for measuring operating temperature. The output of this system shall be recorded as a 3-hr average. From the date of issuance of this permit until the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan – Preparation, Implementation, Records and Reports whenever the 3-hr average temperature of the thermal oxidizer is below ~~1400°F~~ **1350°F**. A 3-hr average temperature that is below ~~1400°F~~ **1350°F** is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.

(b) The Permittee shall determine the 3-hr average temperature from the most recent valid stack test that demonstrates compliance with limits in condition D.1.1**.** , as approved by IDEM.

(c) On and after the date the approved stack test results are available, the Permittee shall take appropriate response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports whenever the 3-hr average temperature of the thermal oxidizer is below the 3-hr average temperature as observed during the compliant stack test. A 3-hr average temperature that is below the 3-hr average temperature as observed during the compliant stack test is not a deviation from this permit. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records and Reports shall be considered a deviation from this permit.

Upon further review, OAQ has determined the following changes will be made to the permit:

(1) Condition B.23 has been revised to reflect that the name of the Billing Section has been changed from I/M Billing section to Billing, Licensing and Training section.

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.

(b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, ~~I/M &~~ **Billing, Licensing and Training Section**), to determine the appropriate permit fee.

(2) In accordance with the credible evidence rule (62 Fed. Reg. 8314, Feb 24, 1997); Section 113 (a) of the Clean Air Act, 42 U.S. C. § 7413 (a); and a letter from the United States Environmental Protection Agency (USEPA) to IDEM, OAQ dated May 18, 2004, all permits must address the use of credible evidence; otherwise, USEPA will object to the permits. The following language will be incorporated into the permit to address credible evidence:

B.24 Credible Evidence [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [62 FR 8314]

Notwithstanding the conditions of this permit that state specific methods that may be used to demonstrate compliance with, or a violation of, applicable requirements, any person (including the Permittee) may also use other credible evidence to demonstrate compliance with, or a violation of, any term or condition of this permit

(3) The emission statement rule has been revised and effective on March 27, 2004. This revised emission statement rule was incorporated in to the draft permit in Condition C.16 before public notice. However, the revised Condition C.16 stated that compliance with the new emission statement rule starts in 2004 contemplating that the permit will be issued before July 1, 2004. Since the permit has not been issued yet, the appropriate starting year for compliance should be 2007. In addition to this correction, the emission statement condition contains some other typographical errors which have been corrected as follows:

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)] [326 IAC 2-6]

(a) In accordance with the compliance schedule specified in 326 IAC 2-6-3(b)(1), starting in ~~2004~~ **2007** ~~(if the permit is being issued after July 1, 2004, add three years so that 2004 is replaced with 2007)~~ and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);

(2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ~~, (and local agency when applicable)~~ on or before the date it is due.

(4) Condition D.3.3 has been revised to correct a typographical error as follows:

D.3.~~3~~**2** Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

(5) Following an update to Condition B.14 (Deviations from Permit Requirements and Conditions), the Quarterly Deviation and Compliance Monitoring Report Form has been revised to clarify on the report form that the deviations that are not required to be reported on that form are those that are deviations required to be reported pursuant to an applicable requirement that exists independent of the permit. Therefore, the Quarterly Deviation and Compliance Monitoring Report Form has been revised as follows (next two pages):

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: AMPCOR I, Inc.

Source Address: 105 Koomler Drive, La Porte, Indiana 46350
Mailing Address: 105 Koomler Drive, La Porte, Indiana 46350
Part 70 Permit No.: T091-17686-00052

Months: _____ to _____ Year: _____

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. ~~Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report~~. **A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report**. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation:	**Duration of Deviation:**

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation:	**Duration of Deviation:**

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Page 2 of 2

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By:

Title/Position:

Date:

Phone:

Attach a signed certification to complete this report.

Appendix A: Emission Calculations

Company Name: AMPCOR II, Inc.
Address City IN Zip: 105 Koomler Drive, La Porte, Indiana 46350
Permit Number : T091-17686-00052
Reviewer: Femi Ogunsola/EVP
Date: 02/11/2004

Uncontrolled Potential Emissions (tons/year)

	Emissions Generating Activity			
Pollutant	**Surface Coating Operations**	**Finishing Department Operations**	**Casting and Belting Sanding Department Operations**	**TOTAL**
PM	4.36	179.08	69.13	**252.57**
PM10	4.36	179.08	69.13	**252.57**
SO2	0.00	0.00	0.00	**0.00**
NOx	0.00	0.00	0.00	**0.00**
VOC	126.66	0.00	0.00	**126.66**
CO	0.00	0.00	0.00	**0.00**
total HAPs	42.88	0.00	0.00	**42.88**
worst case single HAP	18.21	0.00	0.00	**18.21**
Total emissions based on rated capacity at 8,760 hours/year.				

Controlled Potential Emissions (tons/year)

	Emissions Generating Activity			
Pollutant	**Surface Coating Operations**	**Finishing Department Operations**	**Casting and Belting Sanding Department Operations**	**TOTAL**
PM	4.36	0.90	0.69	**5.95**
PM10	4.36	0.90	0.69	**5.95**
SO2	0.00	0.00	0.00	**0.00**
NOx	0.00	0.00	0.00	**0.00**
VOC	126.66	0.00	0.00	**126.66**
CO	0.00	0.00	0.00	**0.00**
total HAPs	42.88	0.00	0.00	**42.88**
worst case single HAP	18.21	0.00	0.00	**18.21**
Total emissions based on rated capacity at 8,760 hours/year, after control.				

Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations

Company Name: AMPCOR II, Inc
Address City IN Zip: 105 Koomler Drive, La Porte, Indiana 46350
Permit Number: T091-17686-00052
Reviewer: Femi Ogunsola/EVP
Date: 02/11/2004

Material	Density (Lb/Gal)	Weight % Volatile (H20 & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency
CC Clean Up Solvent	8.3	100.00%	0.0%	100.0%	0.0%	0.00%	0.00027	1500.000	8.30	8.30	3.36	80.68	14.72	0.00		80%
CCSilver One Coat	7.5	83.75%	0.0%	83.8%	0.0%	12.63%	0.00017	1500.000	6.28	6.28	1.60	38.44	7.02	0.27	49.73	80%
CC Light Antique Gold Dye Topcoat	7.4	84.77%	0.0%	84.8%	0.0%	11.92%	0.00004	1500.000	6.27	6.27	0.38	9.03	1.65	0.06	52.63	80%
CC Antique Gold Dye	7.4	84.91%	0.0%	84.9%	0.0%	11.82%	0.00027	1500.000	6.28	6.28	2.54	61.07	11.15	0.40	53.16	80%
CC Bronze One Coat	7.5	83.94%	0.0%	83.9%	0.0%	12.20%	0.00002	1500.000	6.30	6.30	0.19	4.53	0.83	0.03	51.60	80%
CC Copper One Coat	7.5	83.53%	0.0%	83.5%	0.0%	11.51%	0.00001	1500.000	6.26	6.26	0.09	2.26	0.41	0.02	54.43	80%
CC Gold One Coat	7.5	90.54%	0.0%	90.5%	0.0%	6.73%	0.00003	1500.000	6.79	6.79	0.31	7.33	1.34	0.03	100.90	80%
CC Yellow Dye	7.7	82.06%	0.0%	82.1%	0.0%	17.49%	0.00000	1500.000	6.32	6.32	0.00	0.00	0.00	0.00	36.13	80%
KSG Clear Coating	7.1	90.70%	0.0%	90.7%	0.0%	0.00%	0.00024	1500.000	6.44	6.44	2.32	55.64	10.15	0.36		65%
ASG1 Hardware Topcoat	6.6	87.37%	0.0%	87.4%	0.0%	0.00%	0.00011	1500.000	5.77	5.77	0.95	22.84	4.17	0.21		65%
ASG1Clear Lacquer Topcoat	7.4	79.57%	0.0%	79.6%	0.0%	0.00%	0.00033	1500.000	5.89	5.89	2.91	69.95	12.77	1.15		65%
ASG1 Clear Topcoat	7.5	84.95%	0.0%	85.0%	0.0%	0.00%	0.00005	1500.000	6.37	6.37	0.48	11.47	2.09	0.13		65%
ASG2 Rose Coral Hardware	7.4	84.82%	0.0%	84.8%	0.0%	0.00%	0.00000	1500.000	6.28	6.28	0.00	0.00	0.00	0.00		65%
KFC Base Coat	7.5	51.73%	0.0%	51.7%	0.0%	0.00%	0.00019	1500.000	3.88	3.88	1.11	26.54	4.84	1.58		65%
KFC Reducer	6.5	100.00%	0.0%	100.0%	0.0%	0.00%	0.00091	1500.000	6.50	6.50	8.87	212.94	38.86	0.00		65%
KFC Base Coat	7.5	52.00%	0.0%	52.0%	0.0%	0.00%	0.00000	1500.000	3.90	3.90	0.01	0.14	0.03	0.01		65%
KFC Defoamer	7.9	100.00%	0.0%	100.0%	0.0%	0.00%	0.00000	1500.000	7.90	7.90	0.01	0.28	0.05	0.00		65%
KFC Reducer	6.5	100.00%	0.0%	100.0%	0.0%	0.00%	0.00034	1500.000	6.50	6.50	3.32	79.56	14.52	0.00		65%
KFC Mineral Sprirts	6.4	100.00%	0.0%	100.0%	0.0%	0.00%	0.00001	1500.000	6.40	6.40	0.10	2.30	0.42	0.00		65%
KFC Reducer	7.2	100.00%	0.0%	100.0%	0.0%	0.00%	0.00003	1500.000	7.20	7.20	0.32	7.78	1.42	0.00		65%
KFC Metal Base Coat	8.5	40.00%	0.0%	40.0%	0.0%	0.00%	0.00001	1500.000	3.40	3.40	0.05	1.22	0.22	0.12		65%

State Potential Emissions **Add worst case coating to all solvents** **28.92** **694.01** **126.66** **4.36**

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)
Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)
Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)
Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)
Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)
Total = Worst Coating + Sum of all solvents used

Appendix A: Emission Calculations
HAP Emission Calculations

Company Name: AMPCOR II, Inc.
Address City IN Zip: 105 Koomler Drive, La Porte, Indiana 46350
Permit Number: T091-17686-00052
Permit Reviewer: Femi Ogunsola/EVP
Date: 02/11/2004

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Xylene	Weight % Toluene	Weight % Methy Ethyl Ketone (MEK)	Weight % Ethylene Glycol	Weight % MIK	Weight % Glycol Ethers	Xylene Emissions (ton/yr)	Toluene Emissions (ton/yr)	MEK Emissions (ton/yr)	Ethylene Glycol Emissions (ton/yr)	MIK Emissions (ton/yr)	Glycol Ethers Emissions (ton/yr)	Total HAP Emissions (ton/yr)
CC Clean Up Solvent	8.3	0.00027	1500.000	0.00%	67.00%	0.00%	0.00%	0.00%	3.00%	0.00	9.86	0.00	0.00	0.00	0.44	10.31
CCSilver One Coat	7.5	0.00017	1500.000	34.00%	17.00%	10.00%	0.00%	10.00%	0.00%	2.85	1.42	0.84	0.00	0.84	0.00	5.95
CC Light Antique Gold Dye Topcoat	7.4	0.00004	1500.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CC Antique Gold Dye	7.4	0.00027	1500.000	34.00%	17.00%	10.00%	0.00%	10.00%	0.00%	4.46	2.23	1.31	0.00	1.31	0.00	9.32
CC Bronze One Coat	7.5	0.00002	1500.000	34.00%	17.00%	10.00%	0.00%	10.00%	0.00%	0.34	0.17	0.10	0.00	0.10	0.00	0.70
CC Copper One Coat	7.5	0.00001	1500.000	19.00%	17.00%	10.00%	0.00%	10.00%	0.00%	0.09	0.08	0.05	0.00	0.05	0.00	0.28
CC Gold One Coat	7.5	0.00003	1500.000	34.00%	15.00%	6.00%	5.00%	0.00%	0.00%	0.50	0.22	0.09	0.07	0.00	0.00	0.89
CC Yellow Dye	7.7	0.00000	1500.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSG Clear Coating	7.1	0.00024	1500.000	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00	0.00	0.00	0.00	0.00	0.56	0.56
ASG1 Hardware Topcoat	6.6	0.00011	1500.000	0.00%	10.00%	0.00%	2.00%	0.00%	0.00%	0.00	0.48	0.00	0.10	0.00	0.00	0.57
ASG1Clear Lacquer Topcoat	7.4	0.00033	1500.000	11.00%	21.00%	13.00%	0.00%	15.00%	0.00%	1.76	3.37	2.09	0.00	2.41	0.00	9.63
ASG1 Clear Topcoat	7.5	0.00005	1500.000	22.00%	15.00%	9.00%	2.00%	11.00%	0.00%	0.54	0.37	0.22	0.05	0.27	0.00	1.45
ASG2 Rose Coral Hardware	7.4	0.00000	1500.000	0.00%	15.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KFC Base Coat	7.5	0.00019	1500.000	0.00%	0.00%	0.00%	4.50%	0.00%	0.00%	0.00	0.00	0.00	0.42	0.00	0.00	0.42
KFC Reducer	6.5	0.00091	1500.000	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00	0.00	0.00	0.00	0.00	1.94	1.94
KFC Base Coat	7.5	0.00000	1500.000	0.00%	0.00%	0.00%	4.50%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KFC Defoamer	7.9	0.00000	1500.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KFC Reducer	6.5	0.00034	1500.000	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	0.00	0.00	0.00	0.00	0.00	0.73	0.73
KFC Mineral Sprirts	6.4	0.00001	1500.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KFC Reducer	7.2	0.00003	1500.000	0.00%	0.00%	0.00%	4.50%	0.00%	5.00%	0.00	0.00	0.00	0.06	0.00	0.07	0.13
KFC Metal Base Coat	8.5	0.00001	1500.000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total State Potential Emissions	**10.55**	**18.21**	**4.69**	**0.71**	**4.98**	**3.74**	**42.88**
Worst Case Single HAP Emission		**18.21**					
Total Combined HAP Emissions							**42.88**

METHODOLOGY

HAPS emission rate (tons/yr) = Density (lb/gal) * Gal of Material (gal/unit) * Maximum (unit/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs

Appendix A: Process Particulate Emissions

Company Name: AMPCOR II, Inc.
Address City IN Zip: 105 Koomler Drive, La Porte, Indiana 46350
Permit Number T091-17686-00052
Reviewer: Femi Ogunsola/EVP
Date: 5/7/2004

Unrestricted Potential Emissions (tons/year)

Dust Collectors

Process	No. of Units	Grain Loading per Actual Cubic Foot of Outlet Air	Air to Cloth Ratio Air Flow (acfm/ft²)	Total Filter Area (ft²)	Control Efficiency	Total (tons/yr)
Finish Department (12 Stations)	6	0.00053	7500.0	1	99.50%	**179.08**
Total Emissions Based on Rated Capacity at 8,760 Hours/Year						**179.08**

Controlled Potential Emissions (tons/year)

Dust Collectors

Process	No. of Units	Grain Loading per Actual Cubic Foot of Outlet Air	Air to Cloth Ratio Air Flow (acfm/ft²)	Total Filter Area (ft²)	Control Efficiency	Total (tons/yr)
Finish Department (12 Stations)	6	0.00053	7500.0	1	99.50%	**0.90**
Total Emissions Based on Rated Capacity at 8,760 Hours/Year and source controls						**0.90**

Methodology:

Potential to Emit (uncontrolled):

Potential of Particulate Emission (tons/yr) = No. Units * Loading (grains/acf) * Air/Cloth Ratio (acfm/ft²) * Filter Area (ft²) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs * 1/(1-Control Efficiency)

Potential to Emit (controlled):

Potential of Particulate Emission (tons/yr) = No. Units * Loading (grains/acf) * Air/Cloth Ratio (acfm/ft²) * Filter Area (ft²) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs * 1/(1-Control Efficiency)

Appendix A: Process Particulate Emissions

Company Name: AMPCOR II, Inc.
Address City IN Zip: 105 Koomler Drive, La Porte, Indiana 46350
Permit Number T091-17686-00052
Reviewer: Femi Ogunsola/EVP
Date: 5/10/2004

Unrestricted Potential Emissions (tons/year)

Dust Collectors

Process	No. of Units	Grain Loading per Actual Cubic Foot of Outlet Air	Air to Cloth Ratio Air Flow (acfm/ft²)	Total Filter Area (ft²)	Control Efficiency	Total (tons/yr)
Belt Sanding (5 Belt sanders)	5	0.00271	1360.0	1	99.00%	**69.13**
Total Emissions Based on Rated Capacity at 8,760 Hours/Year						**69.13**

Controlled Potential Emissions (tons/year)

Dust Collectors

Process	No. of Units	Grain Loading per Actual Cubic Foot of Outlet Air	Air to Cloth Ratio Air Flow (acfm/ft²)	Total Filter Area (ft²)	Control Efficiency	Total (tons/yr)
Belt Sanding (5 Belt sanders)	5	0.00271	1360.0	1	99.00%	**0.69**
Total Emissions Based on Rated Capacity at 8,760 Hours/Year and source controls						**0.69**

Methodology:

Potential to Emit (uncontrolled):

Potential of Particulate Emission (tons/yr) = No. Units * Loading (grains/acf) * Air/Cloth Ratio (acfm/ft²) * Filter Area (ft²) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs * 1/(1-Control Efficiency)

Potential to Emit (controlled):

Potential of Particulate Emission (tons/yr) = No. Units * Loading (grains/acf) * Air/Cloth Ratio (acfm/ft²) * Filter Area (ft²) * 1 lb/7,000 grains * 60 min/hr * 8760 hr/yr * 1 ton/2,000 lbs * 1/(1-Control Efficiency)